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Subject: Patent Application No. 10/645,863

Title: SYSTEM OF ANALYZING COMPLEX MIXTURES OF BIOLOGICAL AND OTHER FLUIDS TO IDENTIFY  
BIOLOGICAL STATE INFORMATION

Date Filed: August 20, 2003

Inventor: Jonathan C. Heller et al.

Attorney Ref: 29191-707.201

From: Suzan Lindstrom for Nicole M. Fortuné Phone: (650) 493-9300

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**Message:**

Please file the attached Amendment and Response for the above-referenced patent application.

Ref: 29191-707.201

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PAGE 1/16 \* RCVD AT 3/18/2005 7:26:02 PM [Eastern Standard Time] \* SVR:USPTO-EFXRF-1/0 \* DNIS:8729306 \* CSID:650 493 6811 \* DURATION (mm:ss):04:56

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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>		Application Number	10/645,863	<b>RECEIVED</b> <b>CENTRAL FAX CENTER</b> <b>MAR 18 2005</b>
		Filing Date	August 20, 2003	
		First Named Inventor	Heller et al.	
		Art Unit	1631	
		Examiner Name	Eric S. DeJong	
Total Number of Pages in This Submission	15	Attorney Docket Number	29191-707.201	

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment and Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY OR AGENT	
Firm or Individual name	Nicole M. Fortuné, Reg. No. 52,905, WILSON SONSINI GOODRICH & ROSATI
Signature	<i>Nicole Fortuné</i>
Date	March 18, 2005

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MAR 18 2005

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PATENT  
Attorney Docket No. 29191-707.201

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appl. No.	: 10/645,863	Confirmation No. 7685
Applicant	: Jonathan C. Heller, et al.	
Filed	: August 20, 2003	
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Examiner	: Eric S. DeJong	
Docket No.	: 29191-707.201	
Customer No.	: 021971	

Mail Stop: Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AND RESPONSE**

This paper responds to the Office communication mailed January 26, 2005. Please consider the following amendment and remarks.

**Amendments to the Claims** are reflected in the listing of claims, which begins on page 2 of this paper.

**Remarks** begin on page 6 of this paper.

**Conclusion** appears on page 14 of this paper.